

CLAIMS

What is claimed is:

1. An illuminated eye protection device comprising:
a frame, the frame having a first corner and a second corner;
5 a lens member attached to the frame; and
at least three lights integrated with the frame above the lens member, wherein a first light of the at least three lights is rotatably mounted to the first corner of the frame, a second light of the at least three lights is rotatably mounted to the second corner of the frame, and a
10 third light of the at least three lights is mounted to the center of the frame above the lens member.
2. The illuminated eye protection device according to Claim 1, further comprising at least one power source integrated with the frame, the
15 power source electrically coupled to the at least three lights.
3. The illuminated eye protection device according to Claim 2, wherein the at least one power source is a battery or a solar cell.
- 20 4. The illuminated eye protection device according to Claim 2, wherein a first power source is located aside the center light.
5. The illuminated eye protection device according to Claim 4, further comprising a second power source located opposite the first power source and aside the center light.
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6. The illuminated eye protection device according to Claim 2, further comprising a switch integrated with the frame, the switch electrically coupled to the at least three lights and the at least one power source.

7. The illuminated eye protection device according to Claim 6, wherein the switch is a rocker switch.
- 5 8. The illuminated eye protection device according to Claim 1, further comprising a protruding member coupled to each of the first light and second light.
- 10 9. The illuminated eye protection device according to Claim 8, wherein the protruding member controls the rotation of each of the first light and second light.
- 15 10. The illuminated eye protection device according to Claim 1, wherein the at least three lights point downward.
- 20 11. The illuminated eye protection device according to Claim 1, wherein the lights are light emitting diodes (LEDs).
12. The illuminated eye protection device according to Claim 11, wherein the LEDs are white light LEDs.
13. The illuminated eye shields according to Claim 1, wherein the lens member is made from a polycarbonate material.
- 25 14. The illuminated eye protection device according to Claim 1, wherein the frame is made from a polycarbonate material.
- 30 15. The illuminated eye protection device according to Claim 1, wherein the eye protection device is an illuminated safety shield or illuminated safety glasses.

16. The illuminated eye protection device according to Claim 1, wherein the frame includes a pair of temples and a bridge member connecting the temples, the bridge member being positioned downward from the temples to provide a beam of light which intersects a wearer's line of sight.
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17. A method of protecting a human eye, comprising:
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- wearing an eye protection device having plural lights;
- activating the plural lights on the eye protection device; and
- directing the lights to form a beam of light on a work area.
18. An illuminated eye protection device, comprising:
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- means for protecting a human eye;
- means for illuminating a work area; and
- means for rotating the means for illuminating to provide a concentrated beam of light on the work area.